

Sequence	SEQ ID NO:	Name	Fluorophore	Quencher	Actual T _m (°C)
CGCTCT CTCTCTGAGTCT AGAGCG	1	TM62	FAM	dabcyl	64
CGCCG TCTGTCTGAGTCT CGGCG	2	TM68	FAM	dabcyl	67.5
CGACCTGG CTGTCTGACT CCAGGTCTG	3	TM74	FAM	dabcyl	73
CGGACGCG CTGTCTGAGTC CGCGTCCG	4	TM80	FAM	dabcyl	80
CCCCGCCC TATGTCTGAGTC GGGCGGGG	5	TM86	FAM	dabcyl	82
GGTG CTGTCTGAGTCT CACC	6	TM47	TET	dabcyl	50
ATGGG TGTCTGAGTCT CCCAT	7	TM60	TET	dabcyl	58.5
CGCTCG GTCTGTCTGAGTCTAT CGAGCG	8	TM72	TET	dabcyl	68
AGGACGCG CTGTCTGAGTC CGCGTCCT	9	TM85	TET	dabcyl	79
CCCCGCCCC CTGTCTGAGTC CGGGCGGGG	10	TM90	TET	dabcyl	84.5
CGCCCCCCCC CTGTCTGAGTC CGGGCGGGG	11	TM93	TET	dabcyl	88.5
ATGGG TGTCTGAGTCT CCCAT	7	TM60	A546	dabcyl	58
ATGGG TGTCTGAGTCT CCCAT	7	TM60.B	A546	BHQ2	66
CGACCTGG CTGTCTGACT CCAGGTCTG	3	TM74	A546	dabcyl	74
CCCCGCCCC TATGTCTGAGTC GGGCGGGG	5	TM86.C	A546	BHQ2	84
CCCCGCCCC CTGTCTGAGTC CGGGCGGGG	10	TM90	A546	dabcyl	86
ATGGG TGTCTGAGTCT CCCAT	7	TM60	Texas red	dabcyl	64
CGCTCG GTCTGTCTGAGTCTAT CGAGCG	8	TM72	Texas red	dabcyl	75.5
AGGACGCG CTGTCTGAGTC CGCGTCCT	9	TM85	Texas red	dabcyl	84
CCCCGCCCC TATGTCTGAGTC GGGCGGGG	5	TM86.A	Texas red	dabcyl	87
CGCCCCCCCC CTGTCTGAGTC CGGGCGGGG	11	TM93	Texas red	dabcyl	91
ATGGG TGTCTGAGTCT CCCAT	7	TM60	TAMRA	dabcyl	59
CGACCTGG CTGTCTGACT CCAGGTCTG	3	TM74	TAMRA	dabcyl	75
AGGACGCG CTGTCTGAGTC CGCGTCCT	9	TM85	TAMRA	dabcyl	81
CGCCCCCCCC CTGTCTGAGTC CGGGCGGGG	11	TM93	TAMRA	dabcyl	91
CCCCGCCCC CTGTCTGAGTC CGGGCGGGG	10	TM90	TAMRA	dabcyl	87

FIG. 3

